

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7882 - L2 Version 2
Chandra X-Ray Center

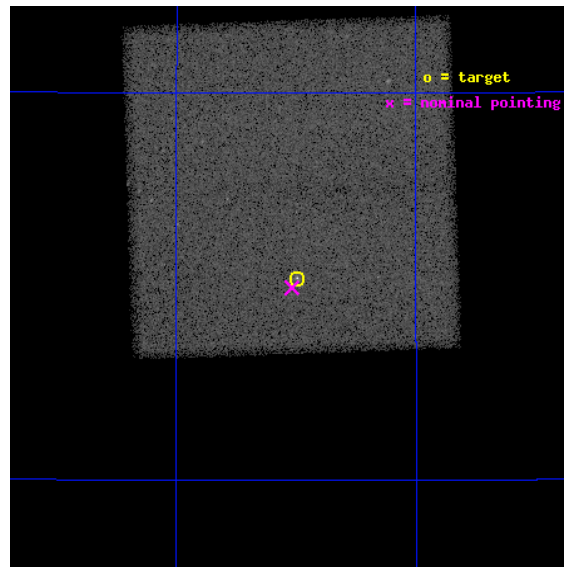
L2 Processing Date : Apr 28 2012

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1 Front

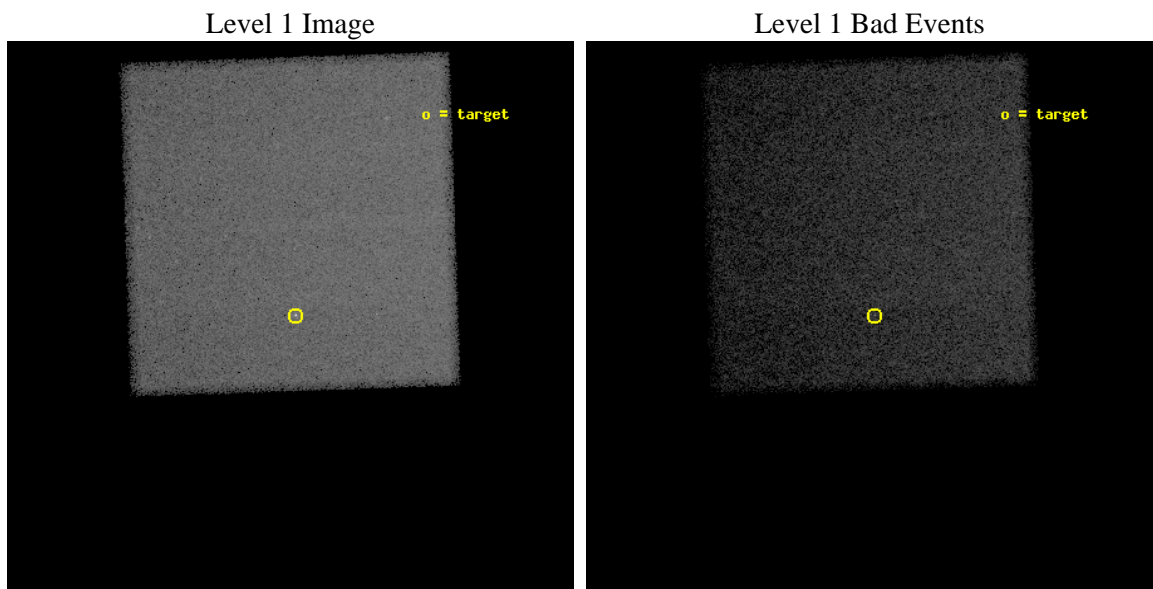
seq_num	701545	Sequence number
obs_id	7882	Observation id
title	A Chandra survey of hybrid morphology radio sources	Proposal title
observer	Brendan Miller	Principal investigator
object	4C+65.15	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.37375	Observer's specified target RA [deg]
dec_targ	65.253611	Observer's specified target Dec [deg]
ra_nom	201.37947965613	Nominal RA [deg]
dec_nom	65.249416893509	Nominal Dec [deg]
roll_nom	268.03276005663	Nominal Roll [deg]
revision	2	Processing version of data
ontime	36471.0	Sum of GTIs [s]
livetime	35978.80988083	Livetime [s]
ontime7	36471.0	Sum of GTIs [s]
l2events	199459	Number of level 2 events



2 OBI

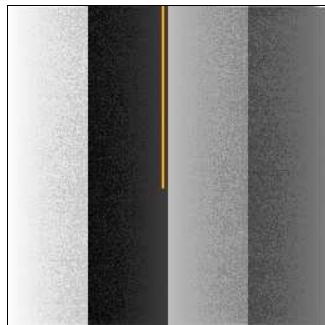
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	36319.704000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	36471.0	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	36471.0	Sum of GTIs [s]
date	2012-04-28T02:52:28	Date and time of file creation	l1events	493211	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

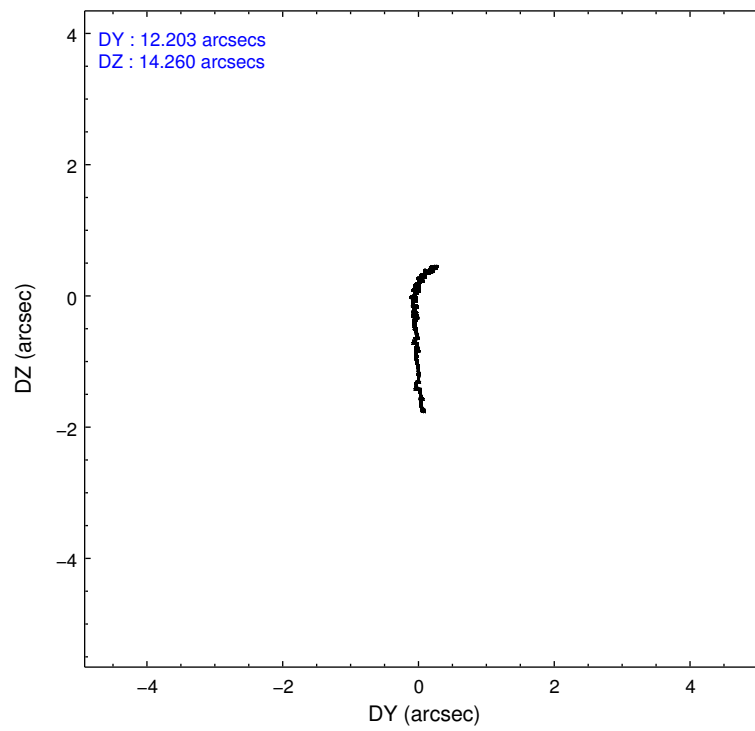
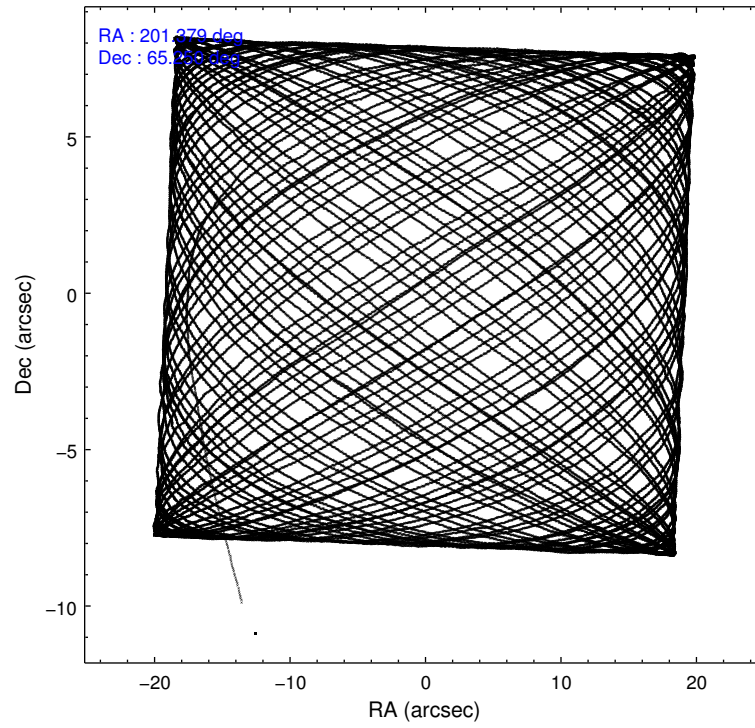
	ccd 7
level 1 events	493211
rejected events	288757
rejected %	58%

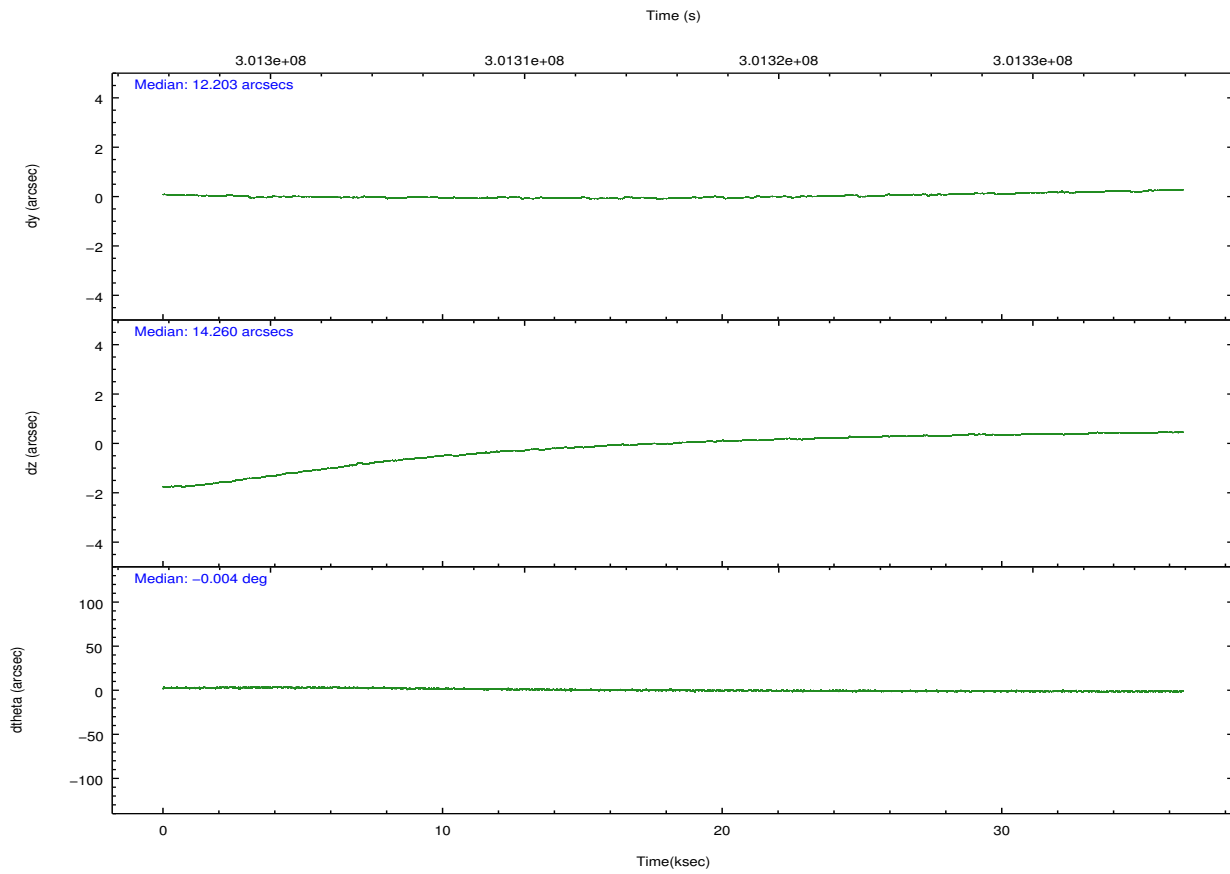
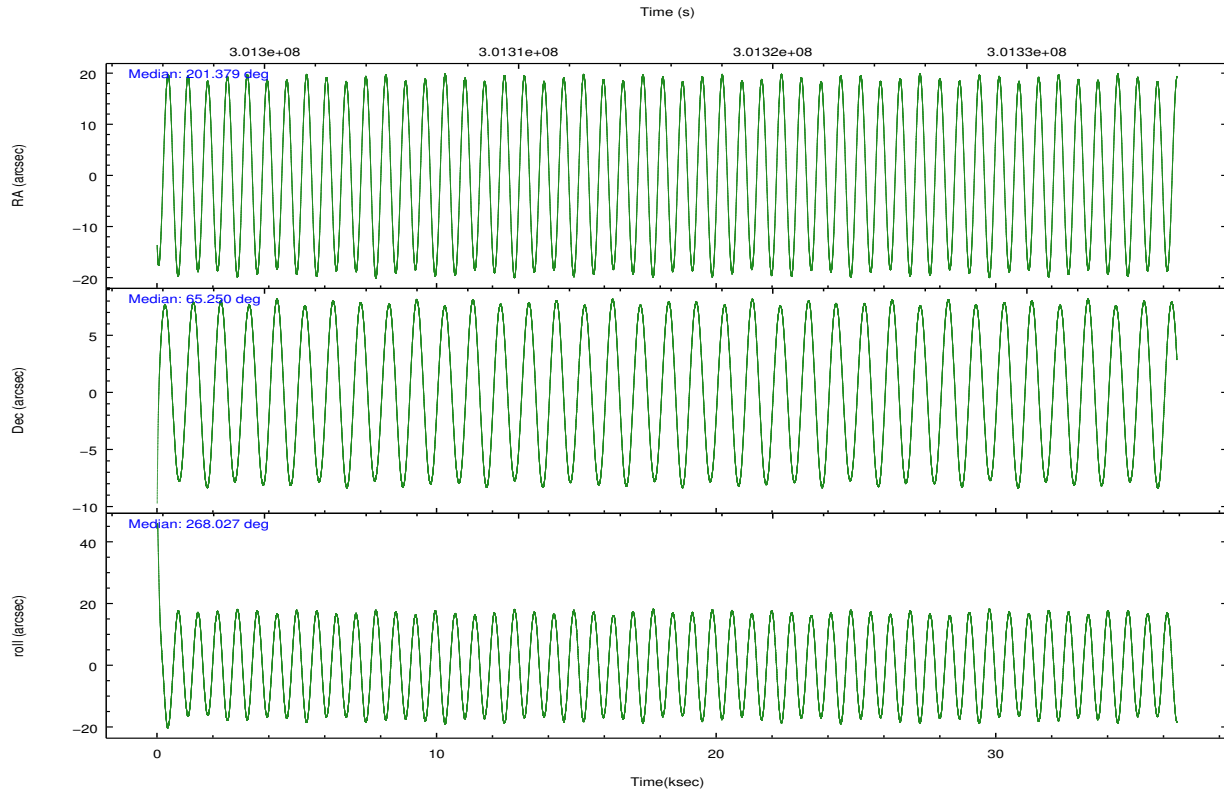
	ccd 7
grade 0 events	18563
	3%
grade 1 events	509
	0%
grade 2 events	42405
	8%
grade 3 events	17945
	3%
grade 4 events	17781
	3%
grade 5 events	46701
	9%
grade 6 events	112490
	22%
grade 7 events	236817
	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	201.347969	201.3794796561339	Subarray requested	NONE	NONE
[deg] Pointing Dec	65.273353	65.24941689350857	Alternating exposures requested	N	N
[deg] Pointing Roll	267.904740	268.032760056632	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	301297761.184000	301296615.42939			
Observation start date	2007-07-20T05:48:16	2007-07-20T05:30:15			
[s] Observation end time (MET)	301334081.184000	301334307.24369			
Observation end date	2007-07-20T15:53:36	2007-07-20T15:58:27			
Read mode	TIMED	TIMED			

2.3 Aspect



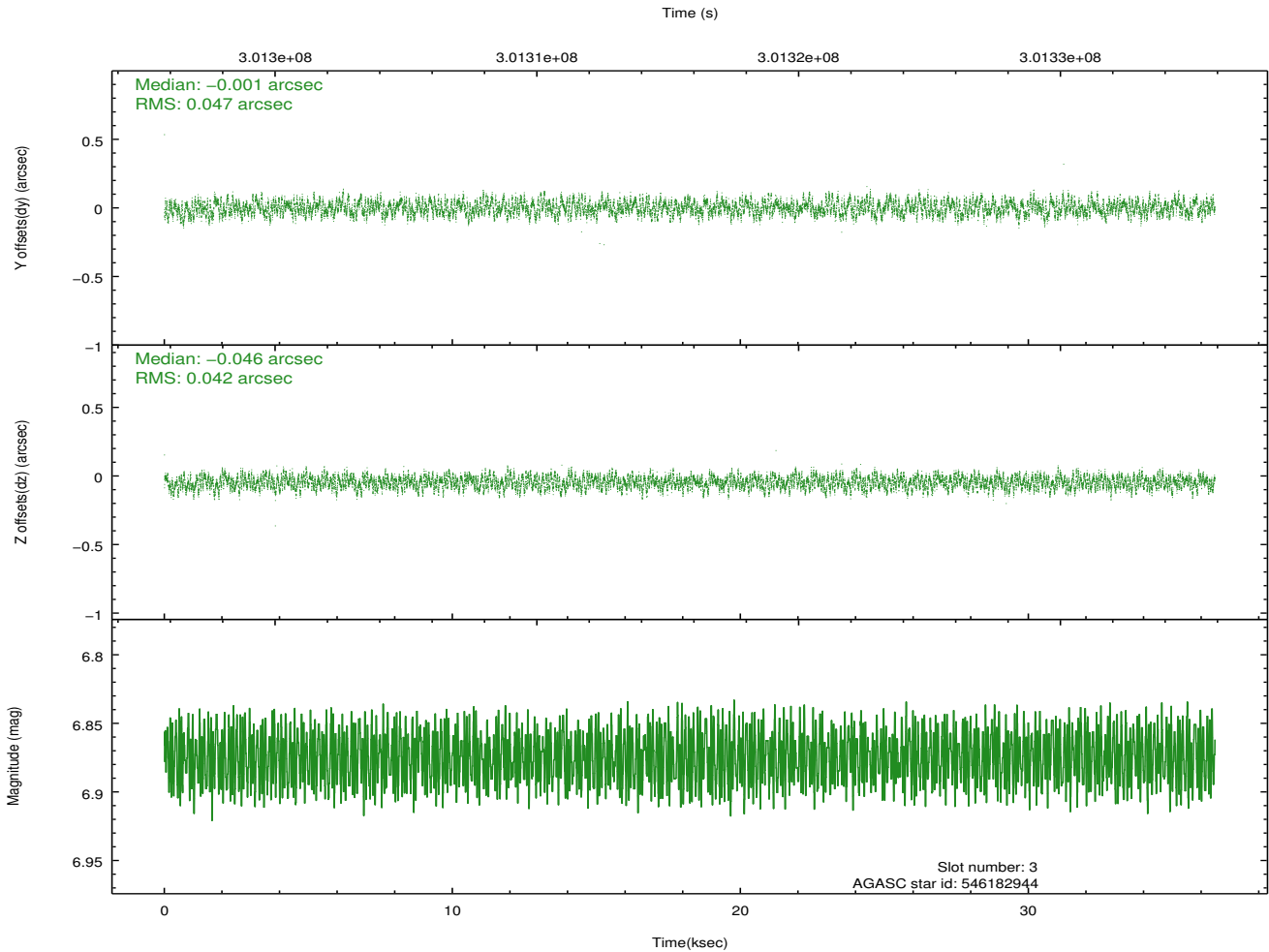
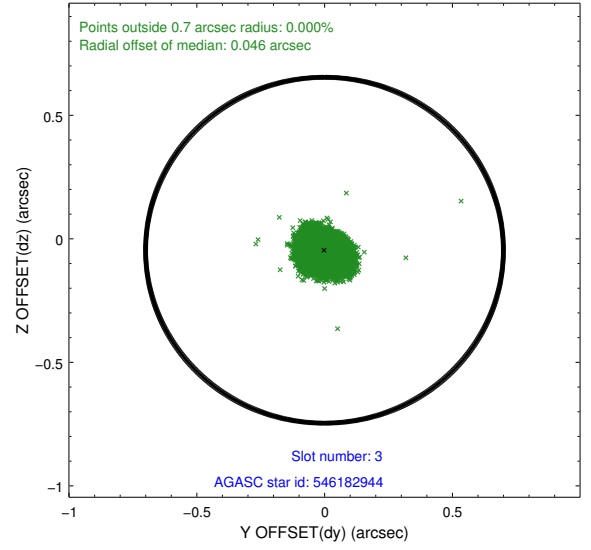
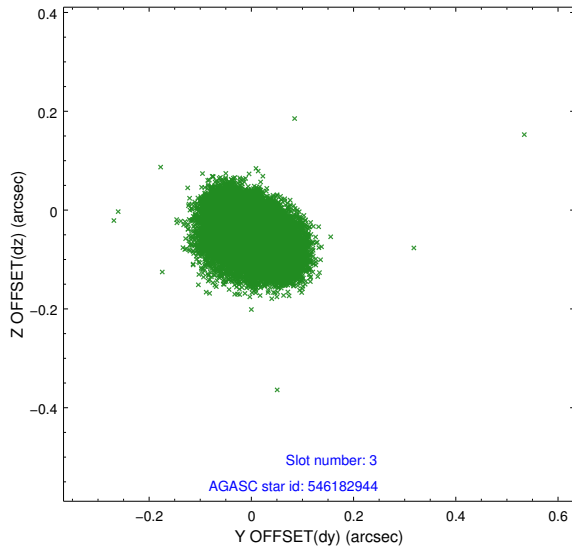


Slot Statistics

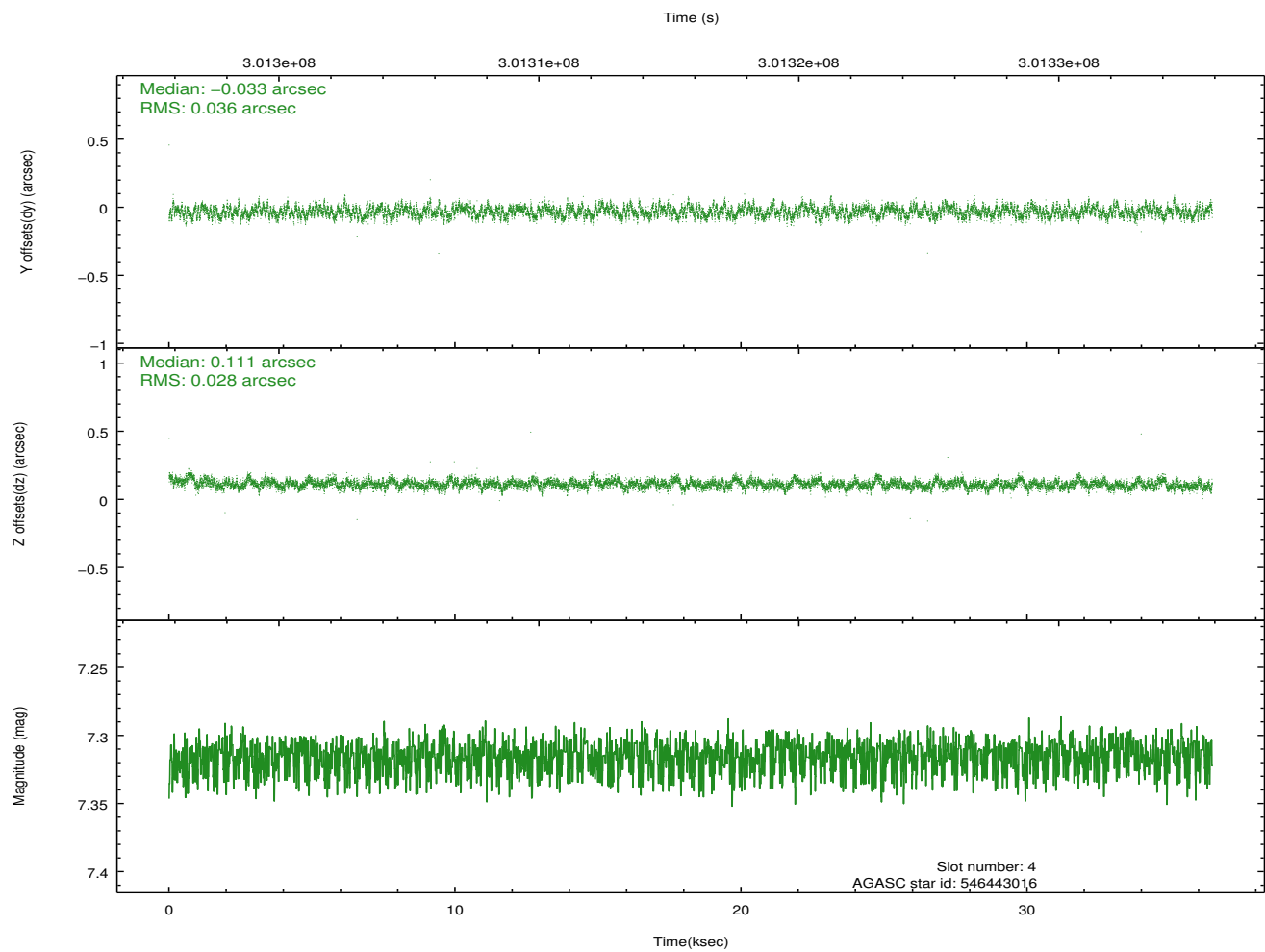
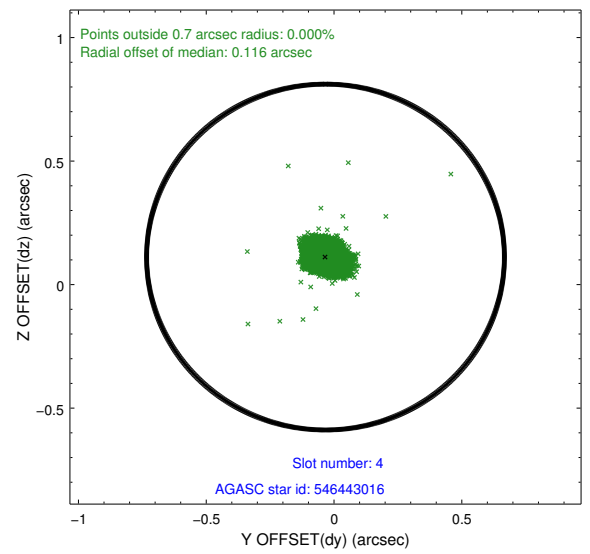
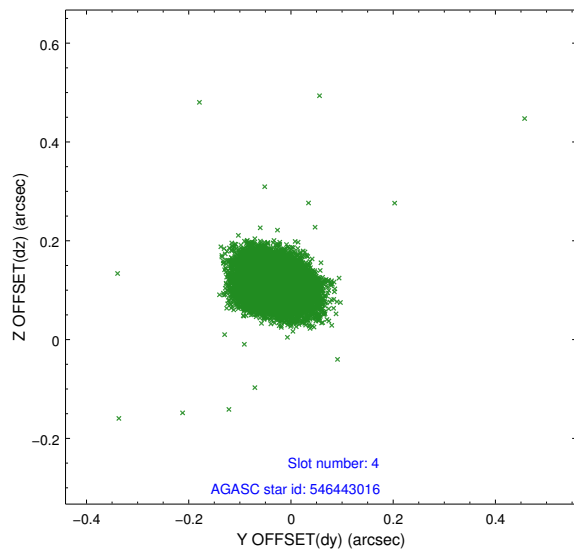
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	8896	-0.041	-0.052	0.014	0.024	0.000000	0.000000	-765.15	-1735.34
1	FID	ACIS-S-4	7.19	8895	0.152	0.034	0.009	0.022	0.000000	0.000000	2148.29	173.21
2	FID	ACIS-S-5	7.23	8895	-0.144	0.027	0.012	0.020	0.000000	0.000000	-1818.07	166.89
3	GUIDE	546182944	6.87	17789	-0.001	-0.046	0.068	0.105	201.769197	64.735529	1909.10	717.43
4	GUIDE	546443016	7.32	17793	-0.033	0.111	0.048	0.077	199.962577	65.184348	374.45	-2080.28
5	GUIDE	546575880	8.85	17779	0.017	-0.048	0.077	0.123	200.711756	65.759884	-1720.48	-1005.05
6	GUIDE	546576328	9.00	17779	0.016	0.008	0.084	0.140	200.090571	65.106053	653.00	-1882.35
7	GUIDE	546570520	9.00	17778	-0.001	-0.023	0.081	0.130	202.866663	65.064031	641.19	2329.99

2.4 Star Slots

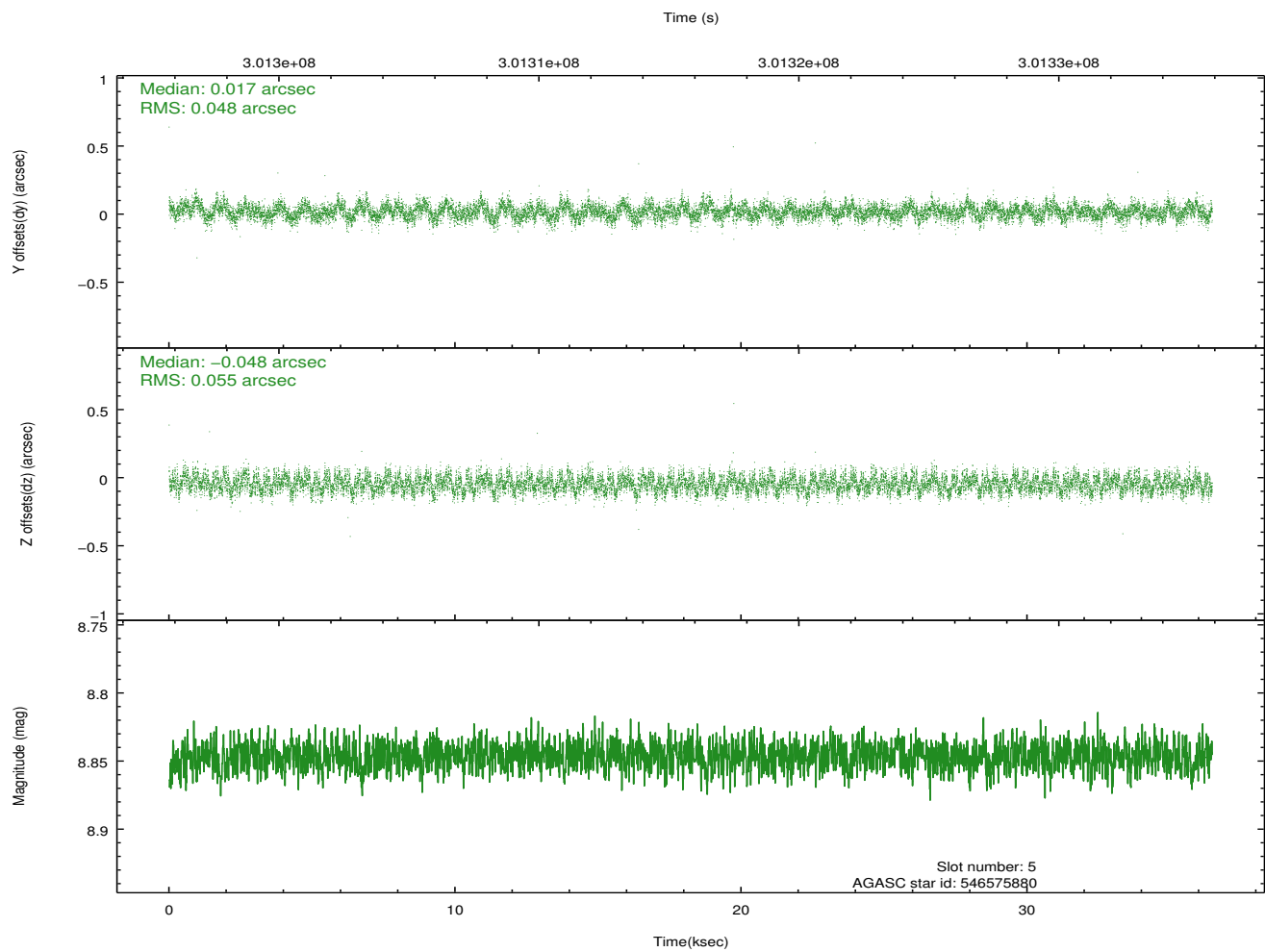
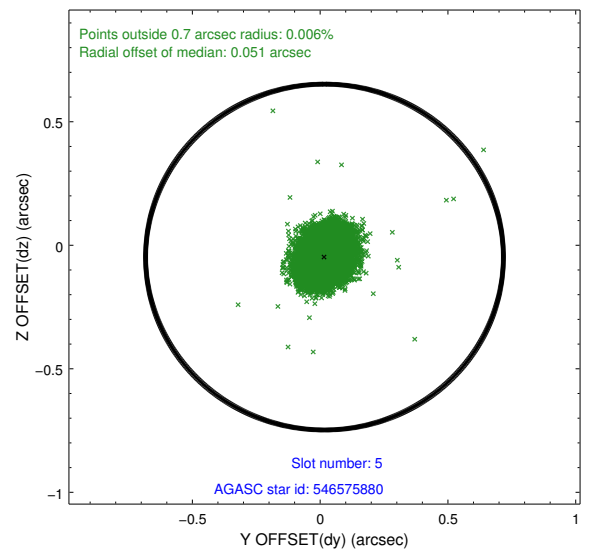
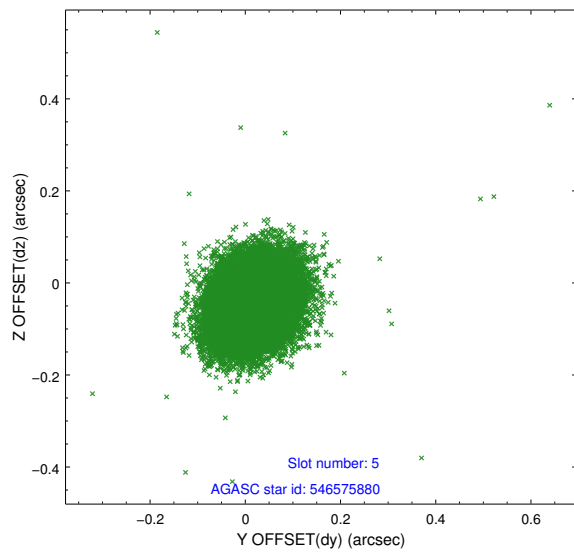
2.4.1 Slot 3



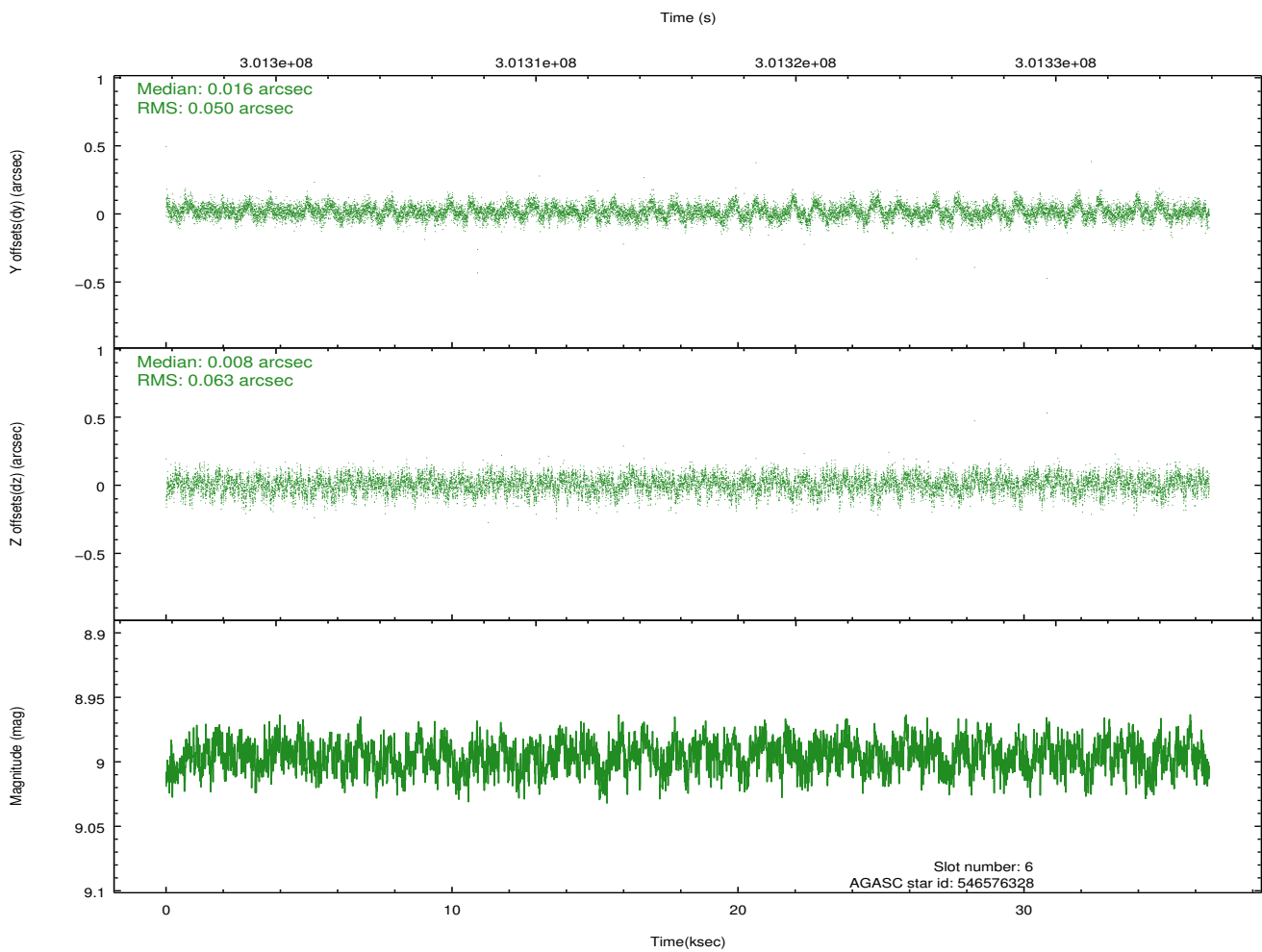
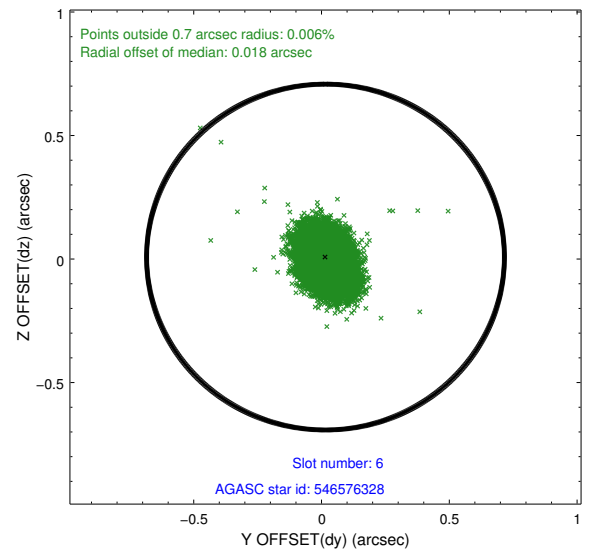
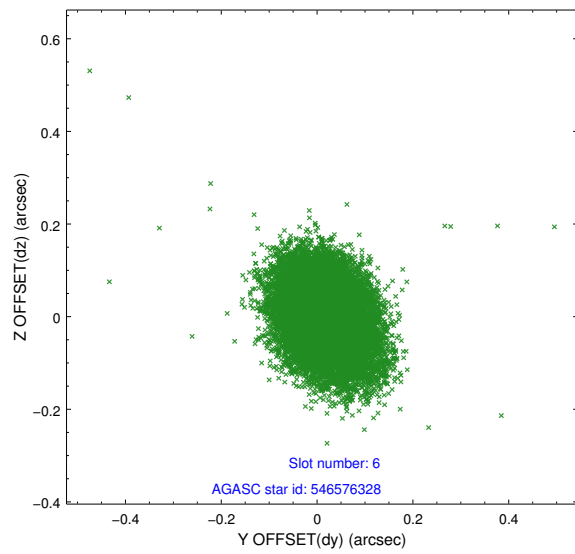
2.4.2 Slot 4



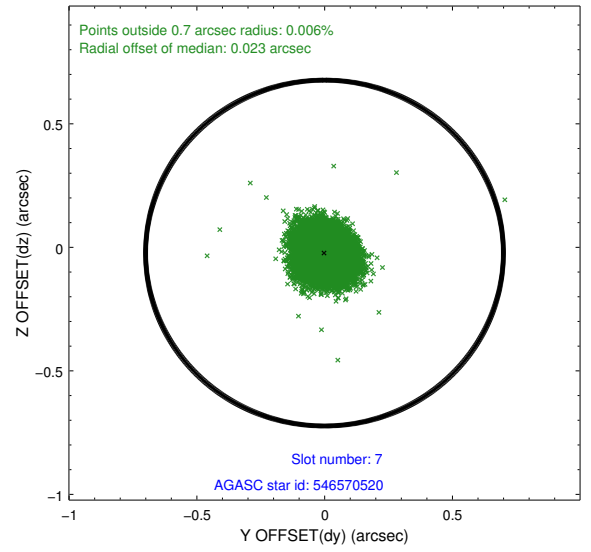
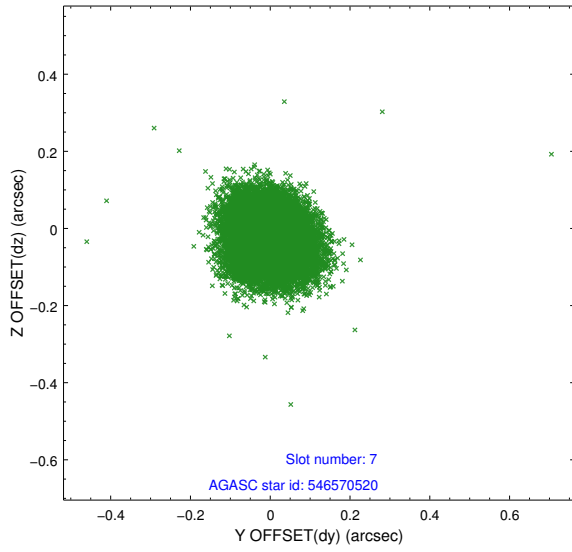
2.4.3 Slot 5



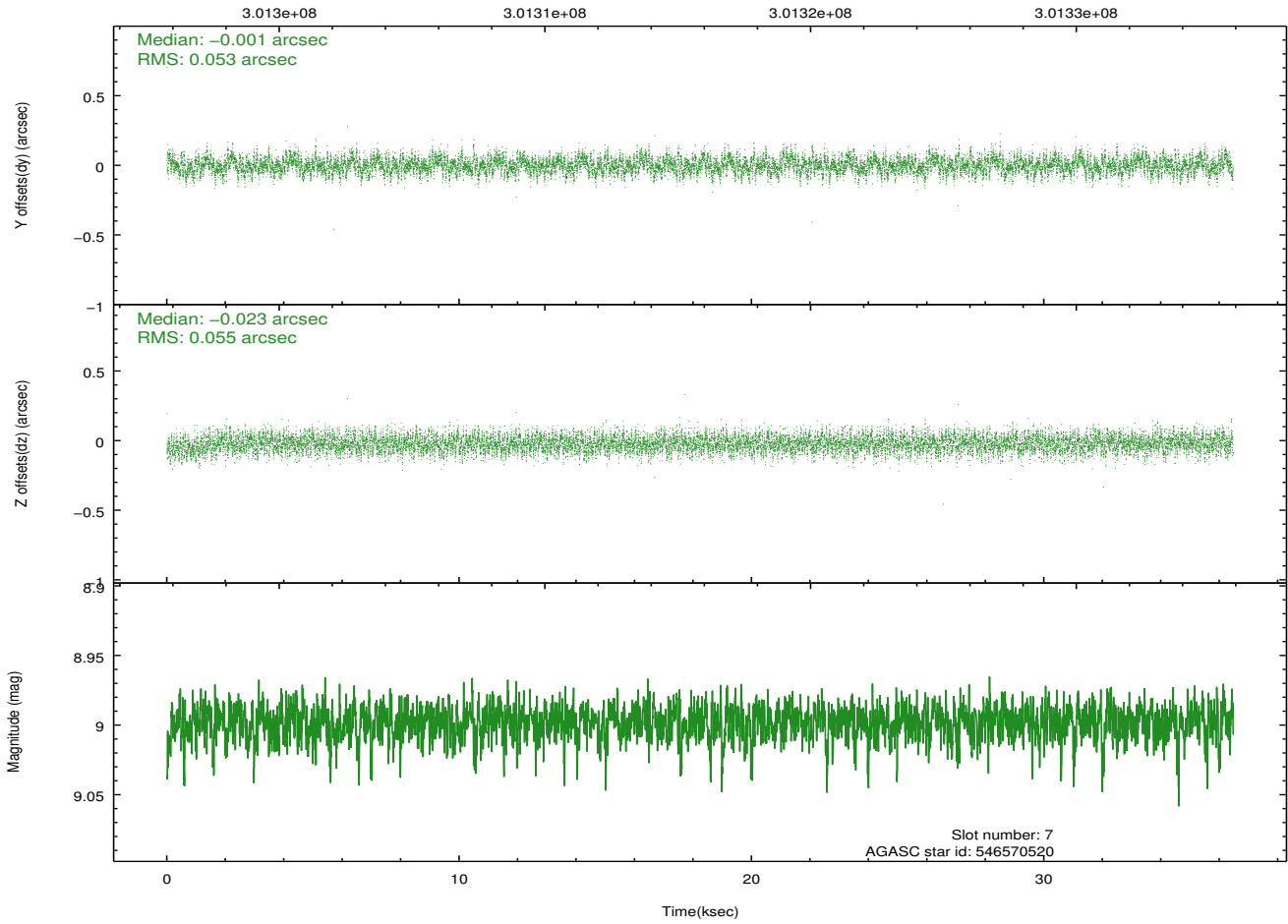
2.4.4 Slot 6



2.4.5 Slot 7

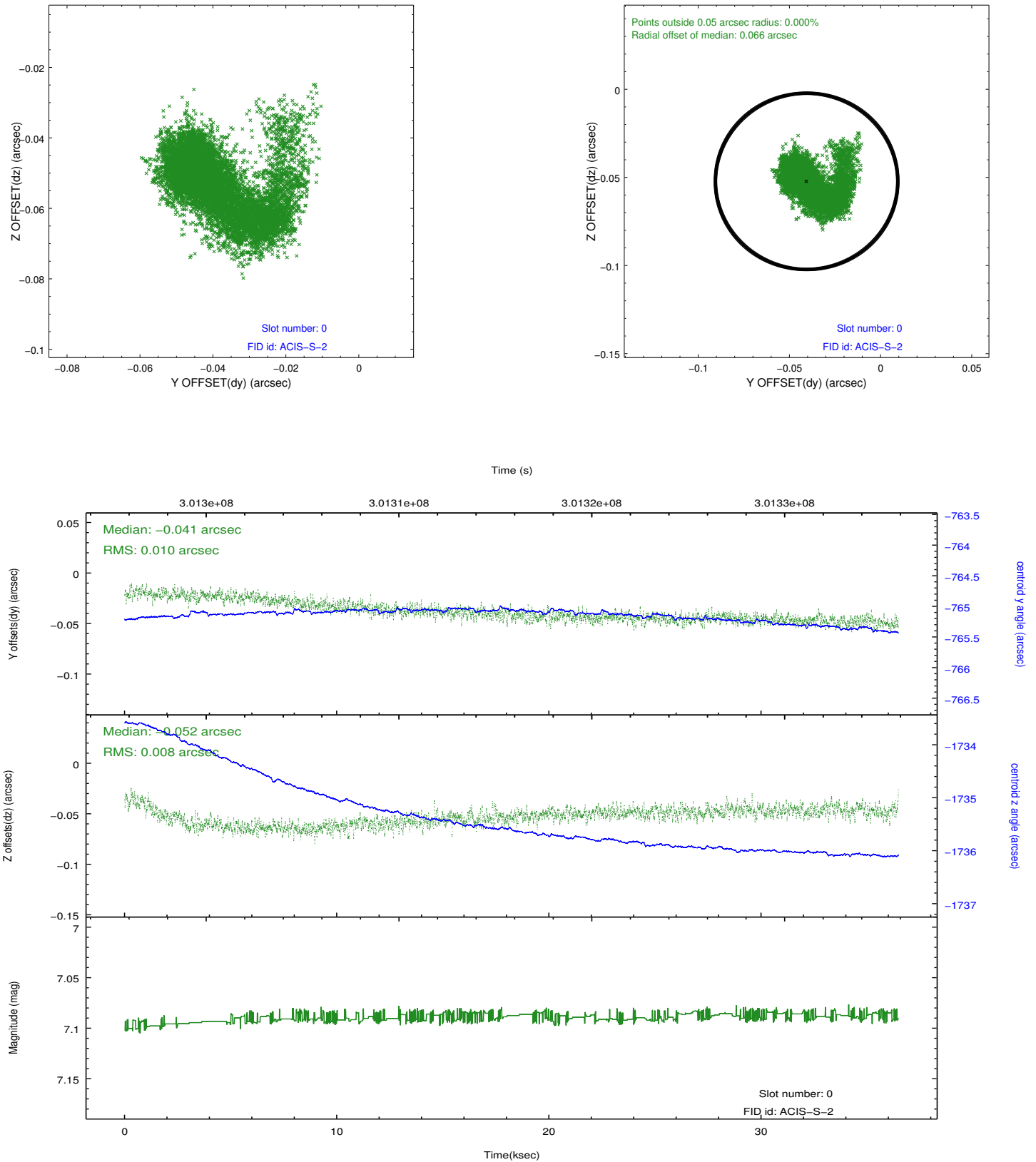


Time (s)

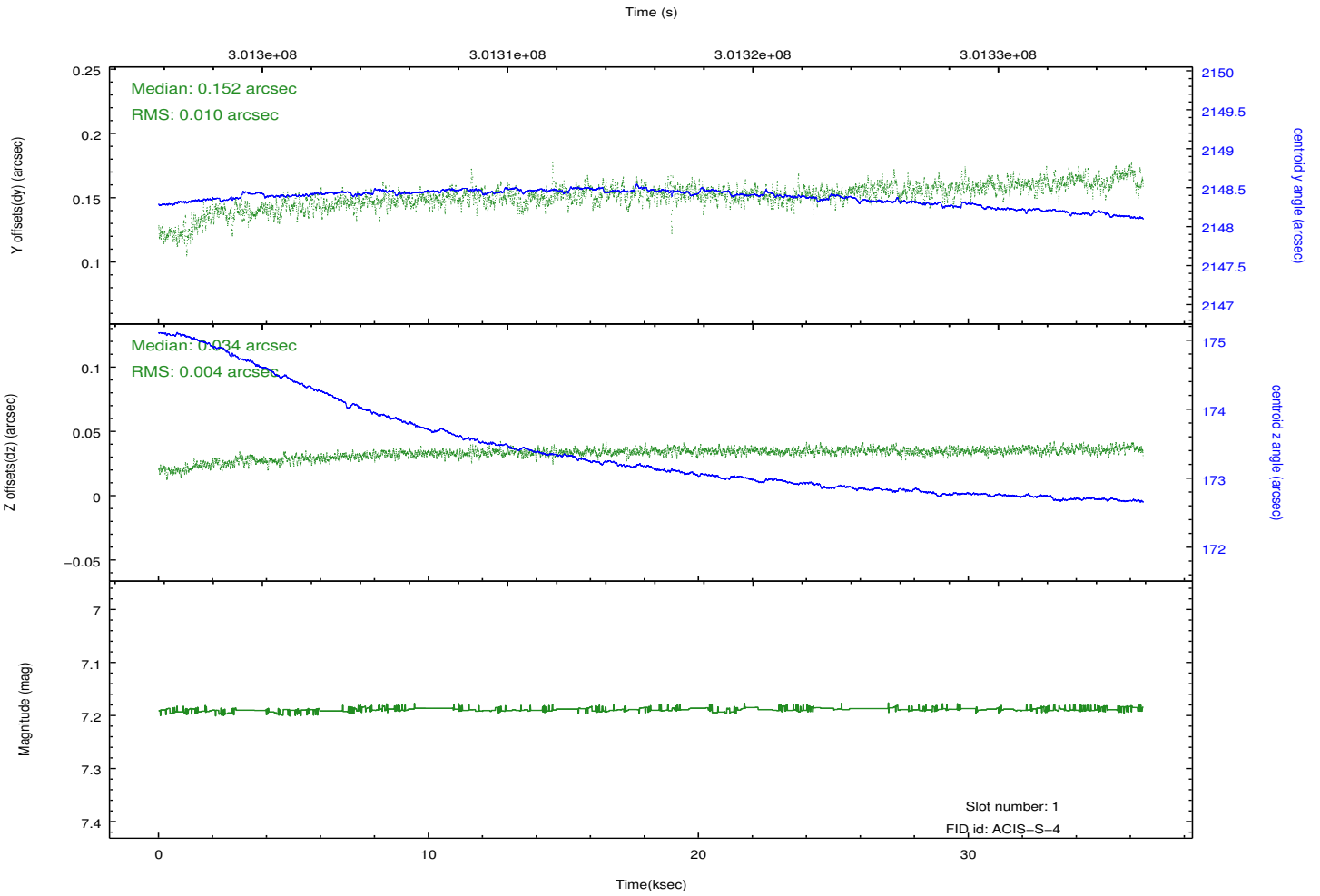
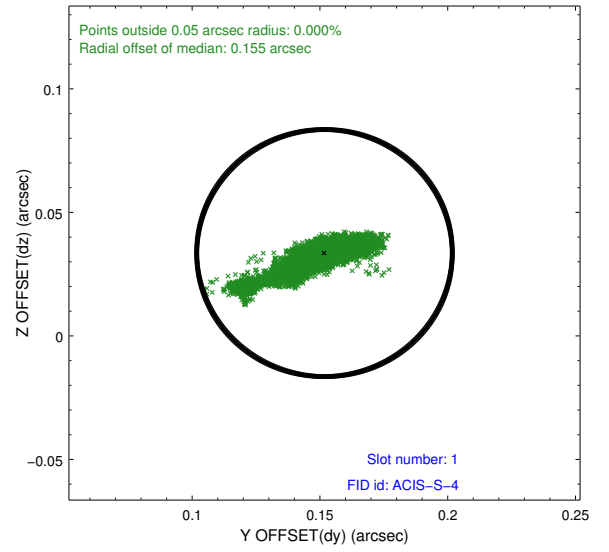
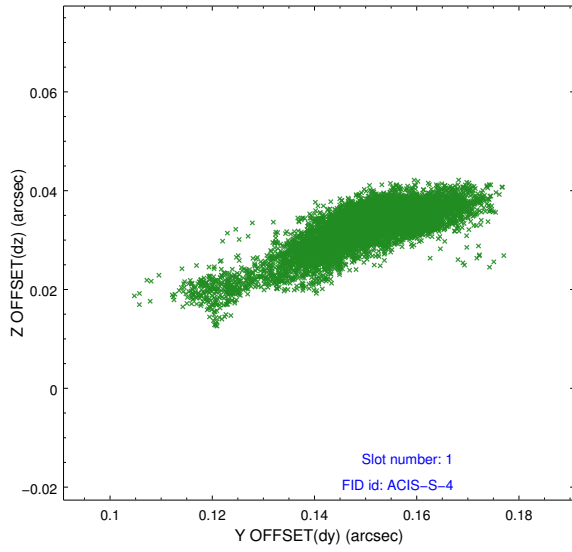


2.5 FID Slots

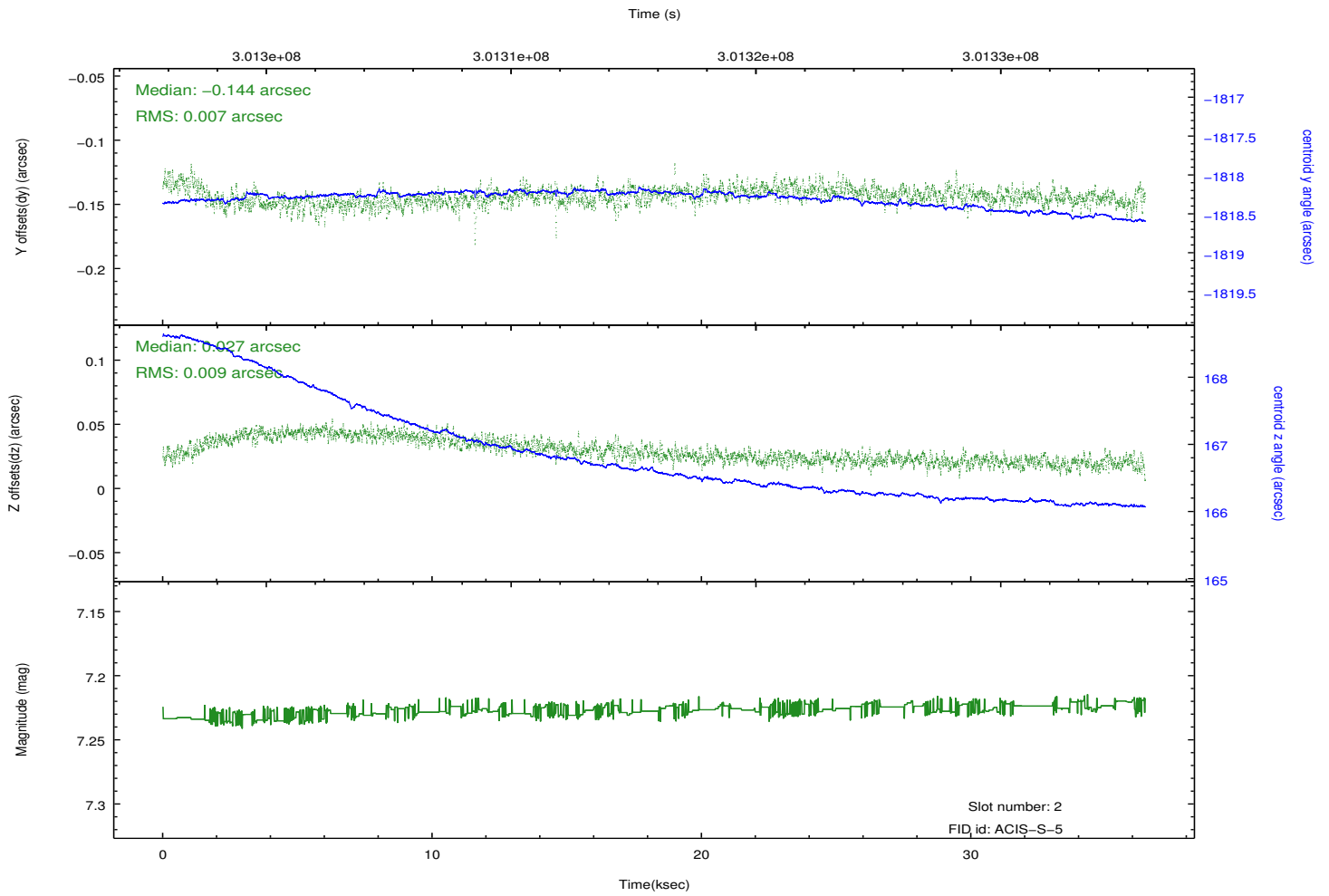
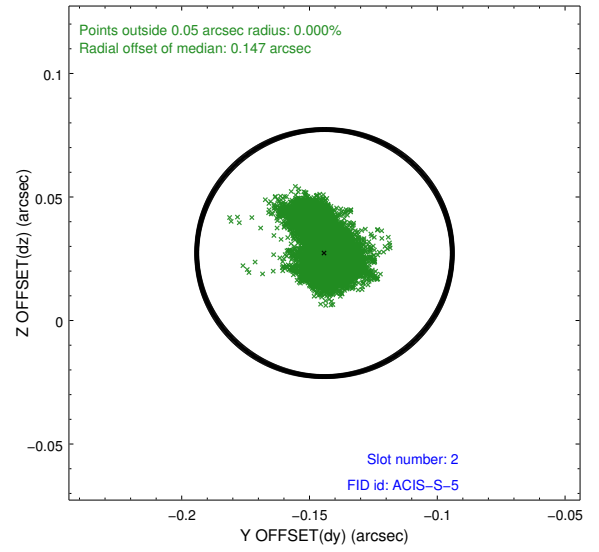
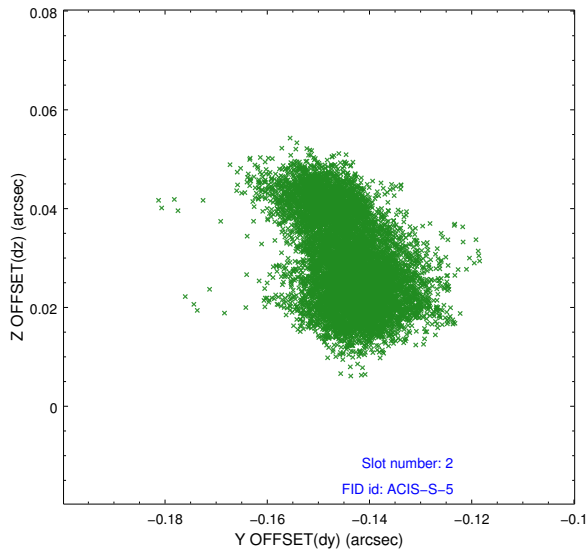
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.471

A.2 Comments